

FIG. 1

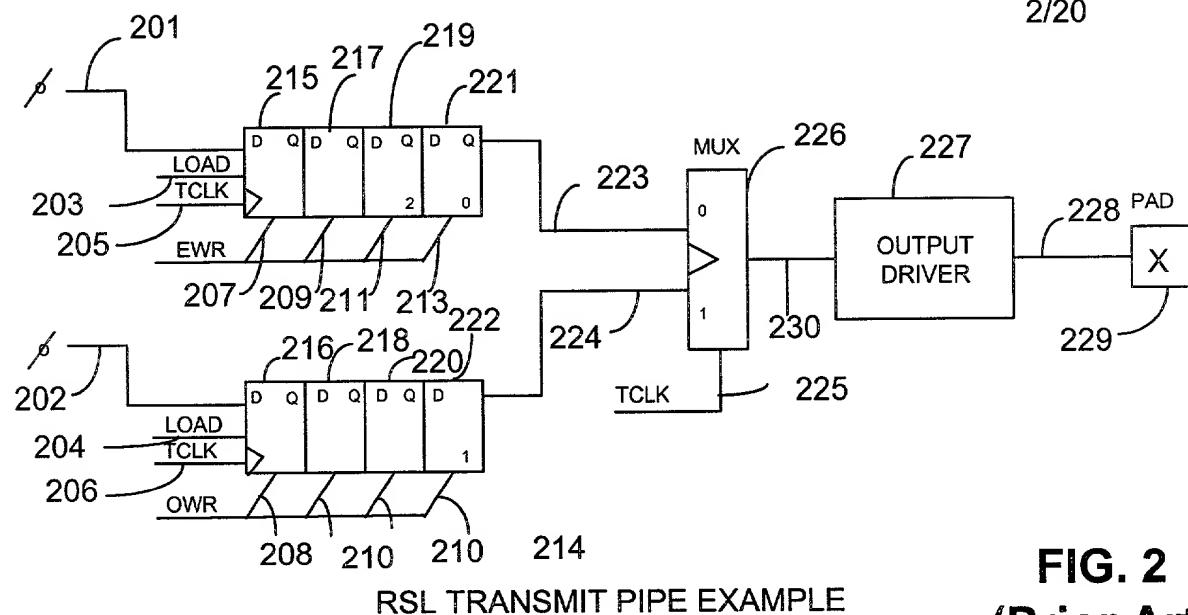


FIG. 2
(Prior Art)

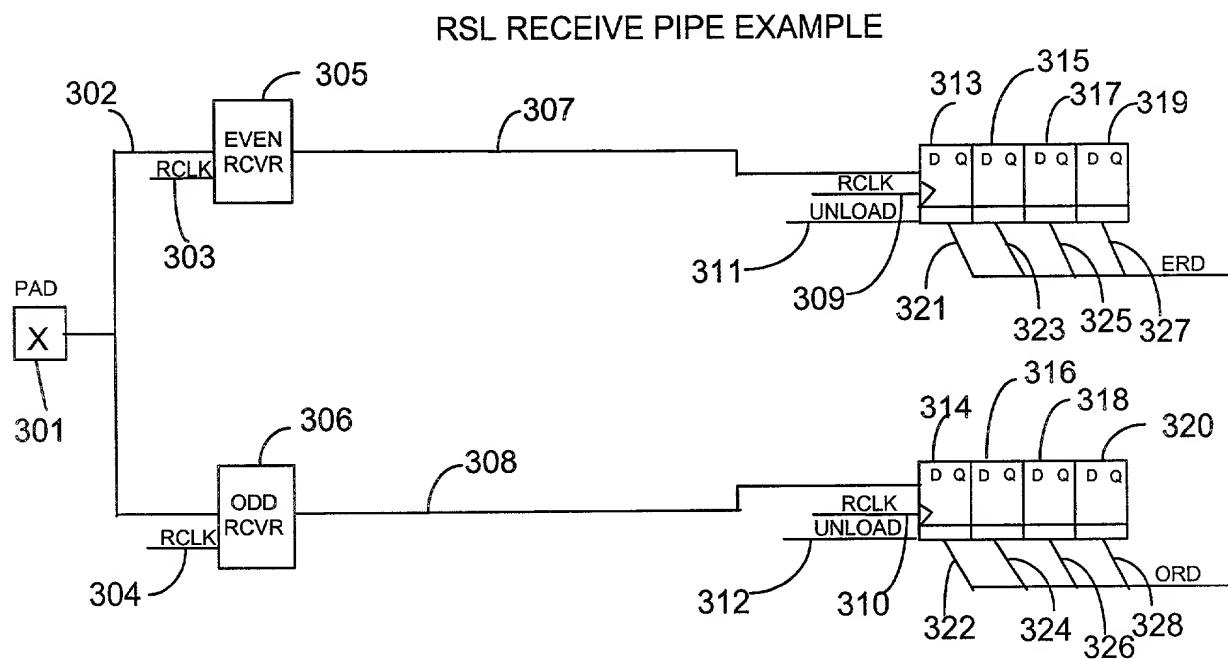


Fig. 3
(Prior Art)

RSL TRANSMIT PIPE WITH PRBS TEST MODE

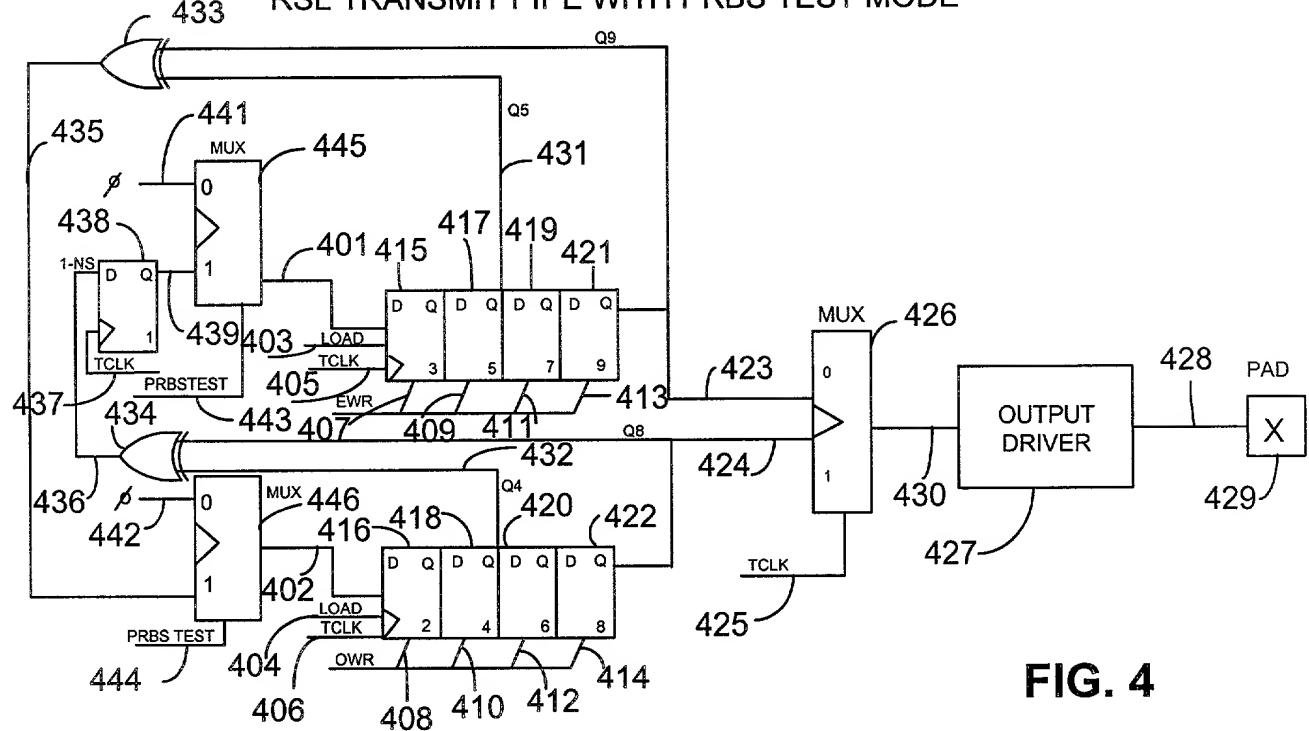


FIG. 4

RSL RECEIVE PIPE WITH PRBS TEST MODE

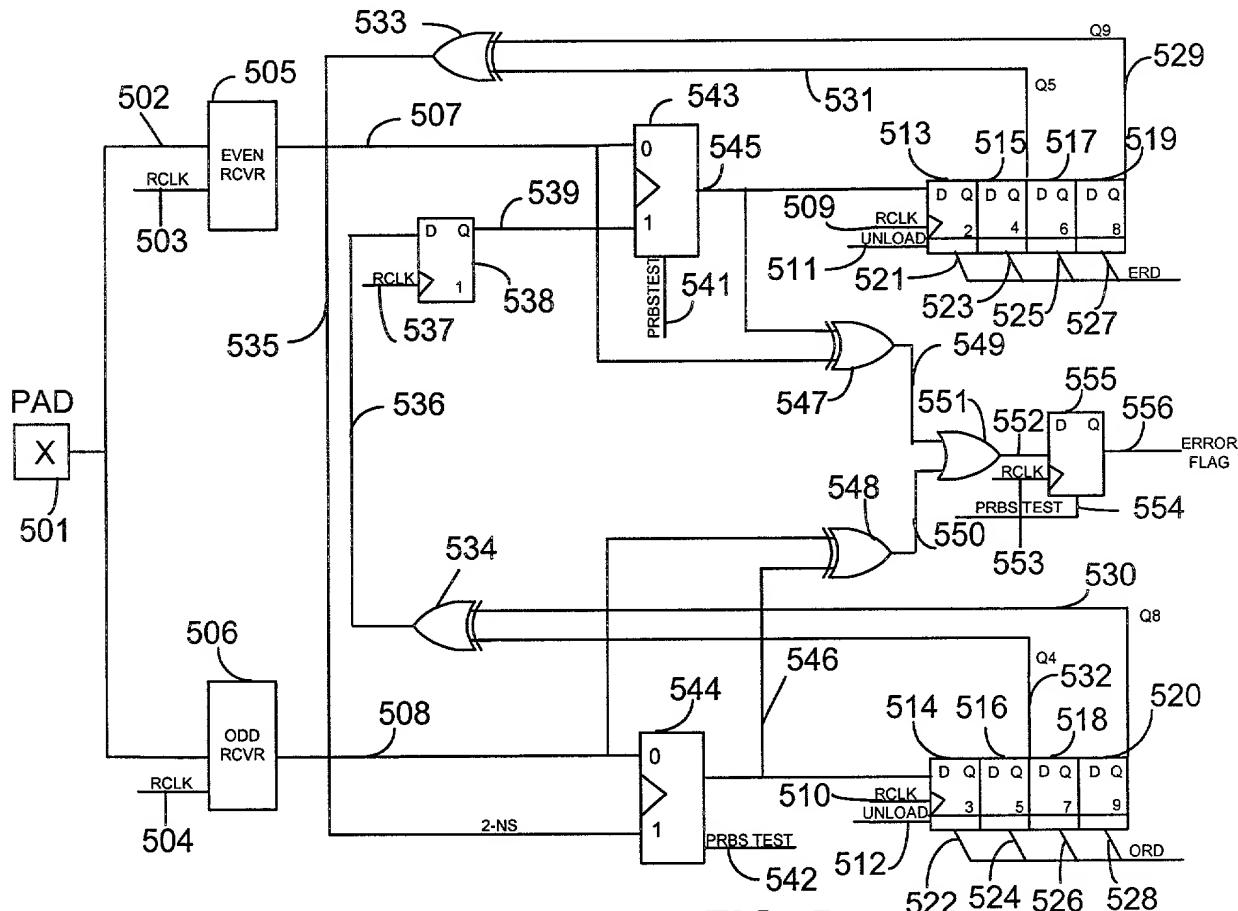


FIG. 5

RSL TRANSMIT PIPE WITH PRBS AND ROLL TEST MODE

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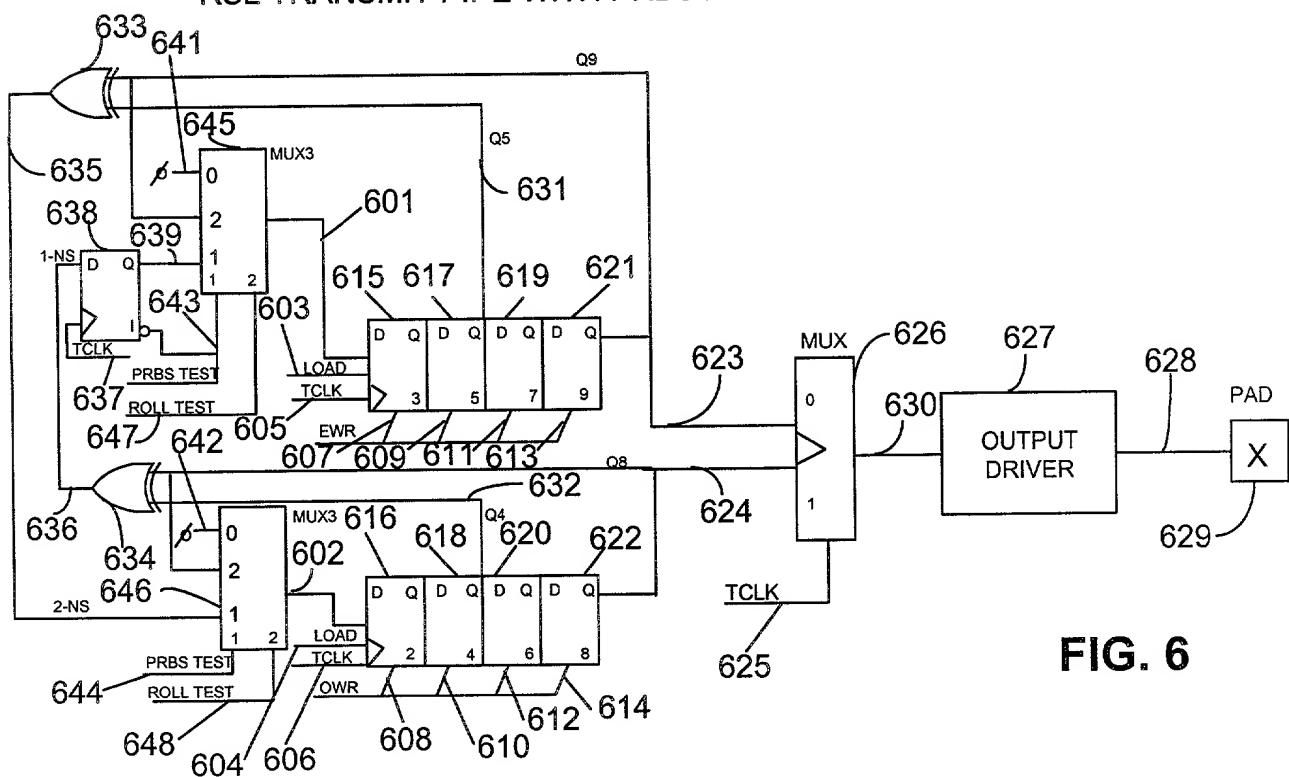


FIG. 6

RSL RECEIVE PIPE WITH PRBS AND ROLL TEST MODE

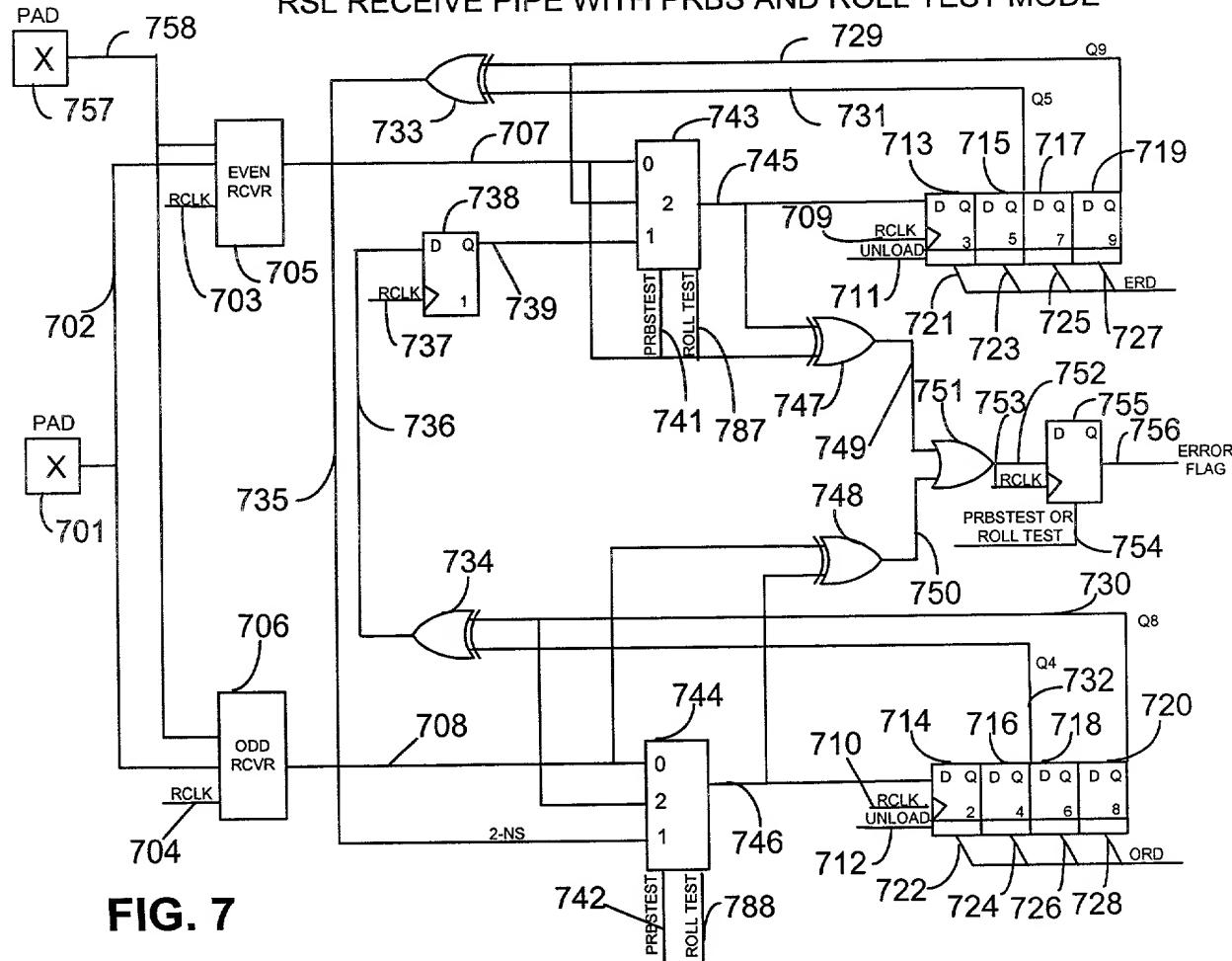


FIG. 7

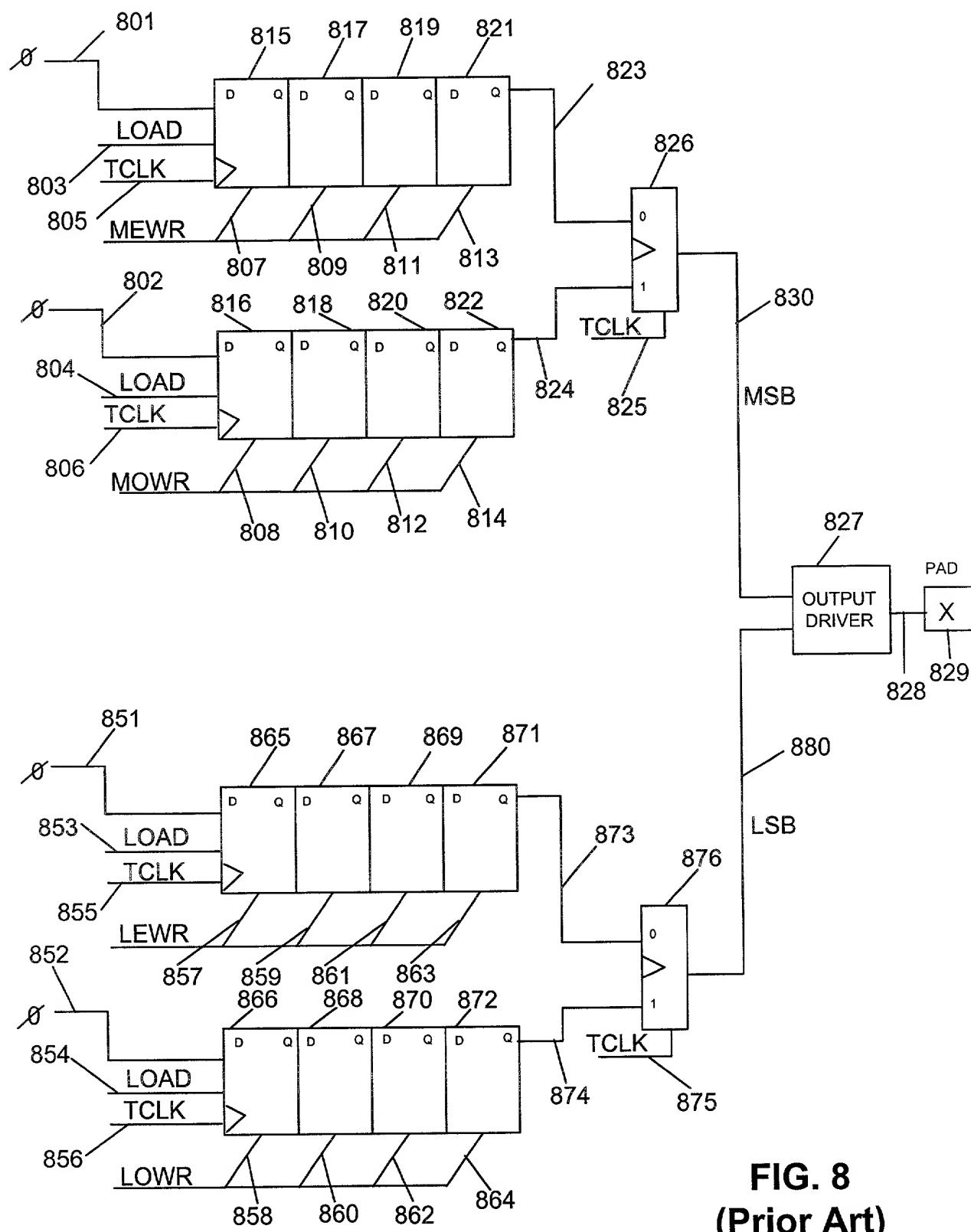


FIG. 8
(Prior Art)

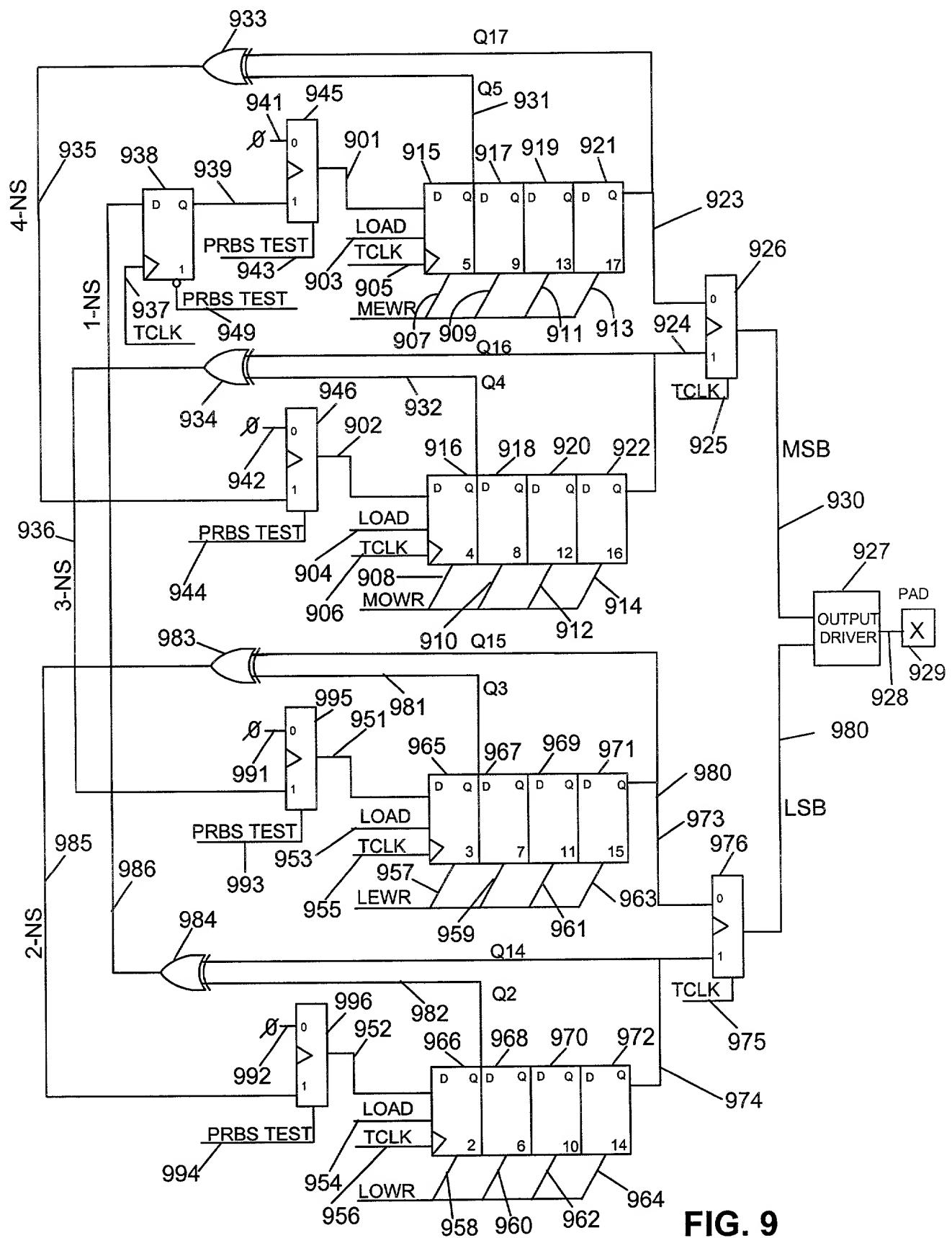


FIG. 9

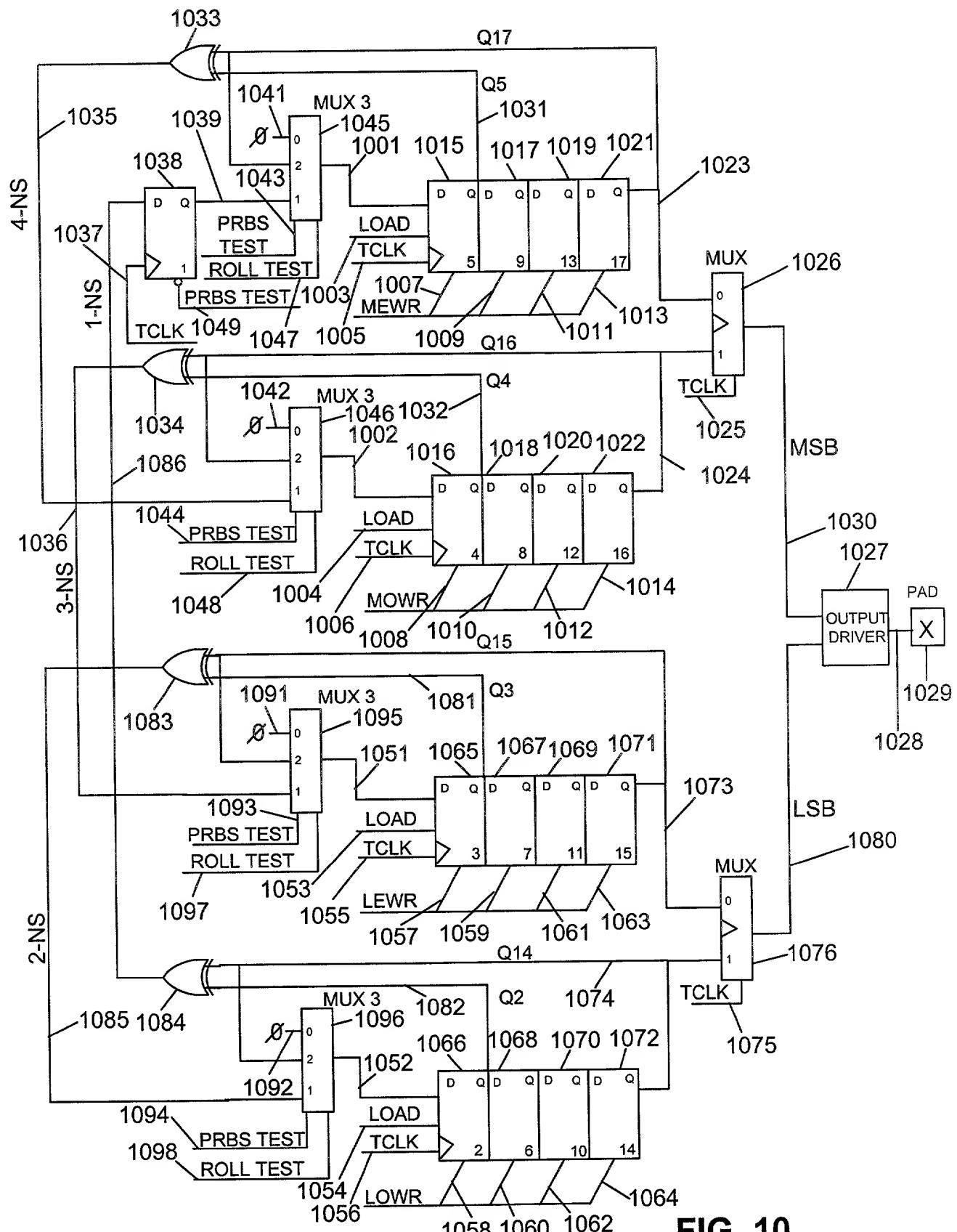


FIG. 10

QRSL RECEIVE PIPELINE EXAMPLE

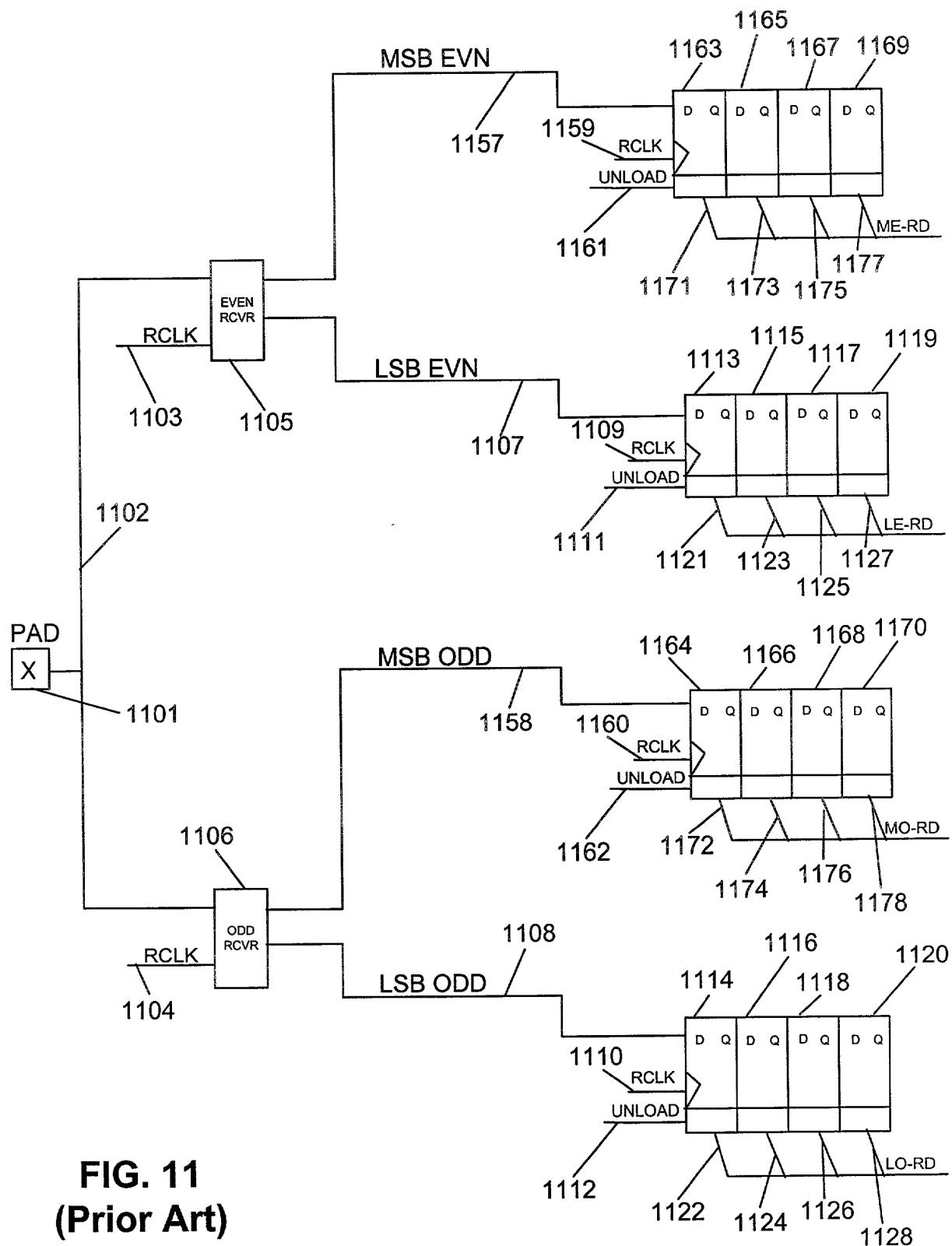


FIG. 11
(Prior Art)

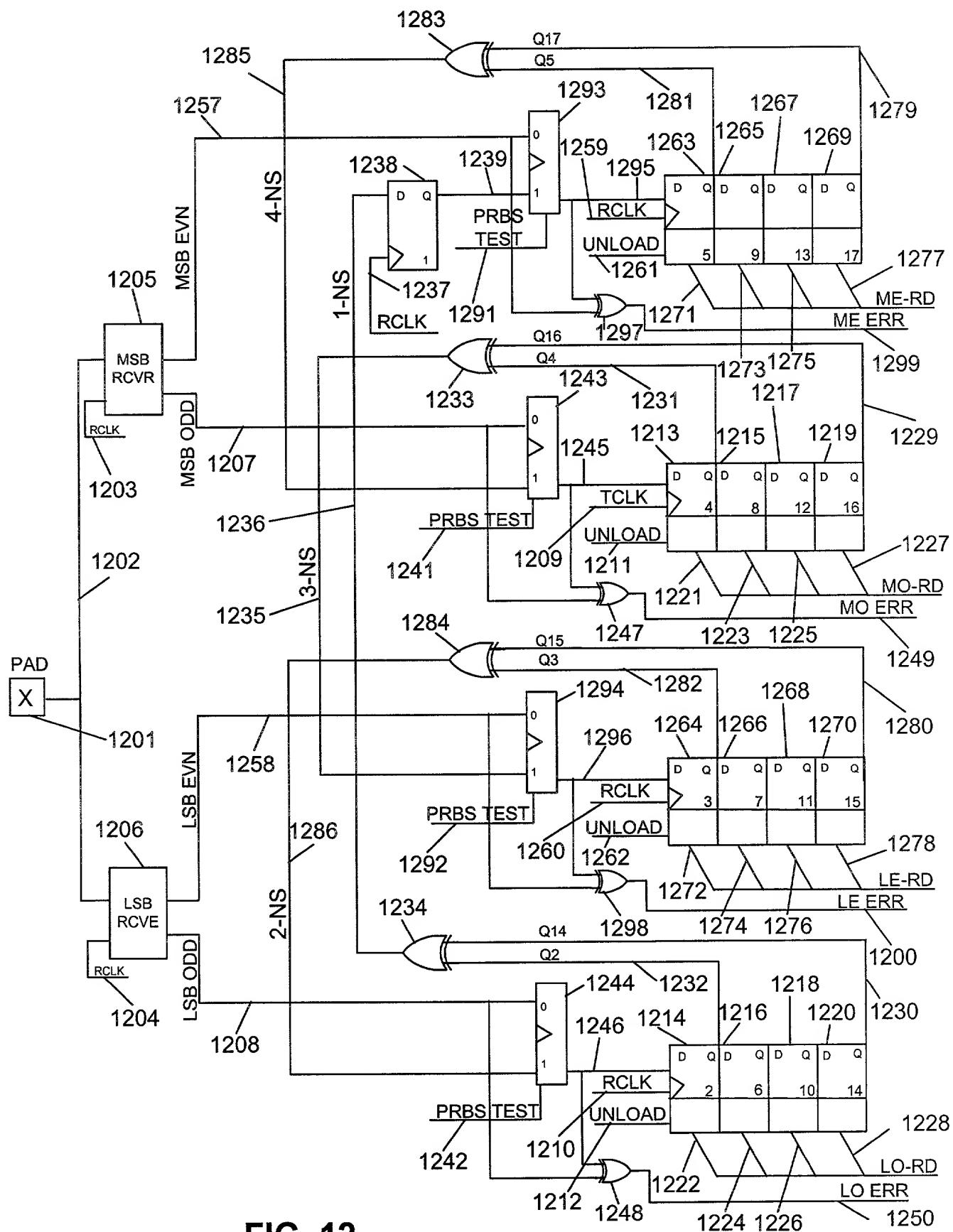


FIG. 12

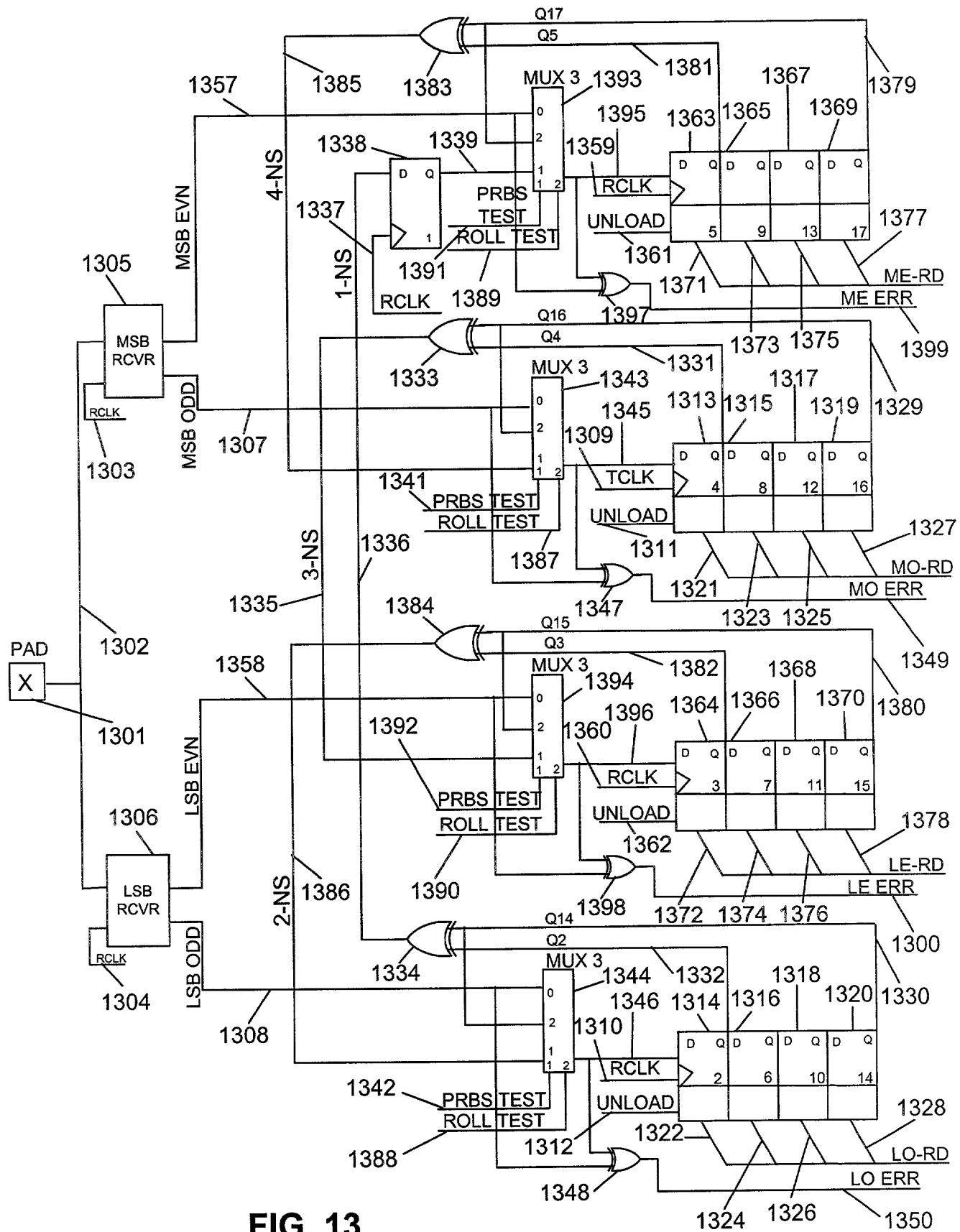


FIG. 13

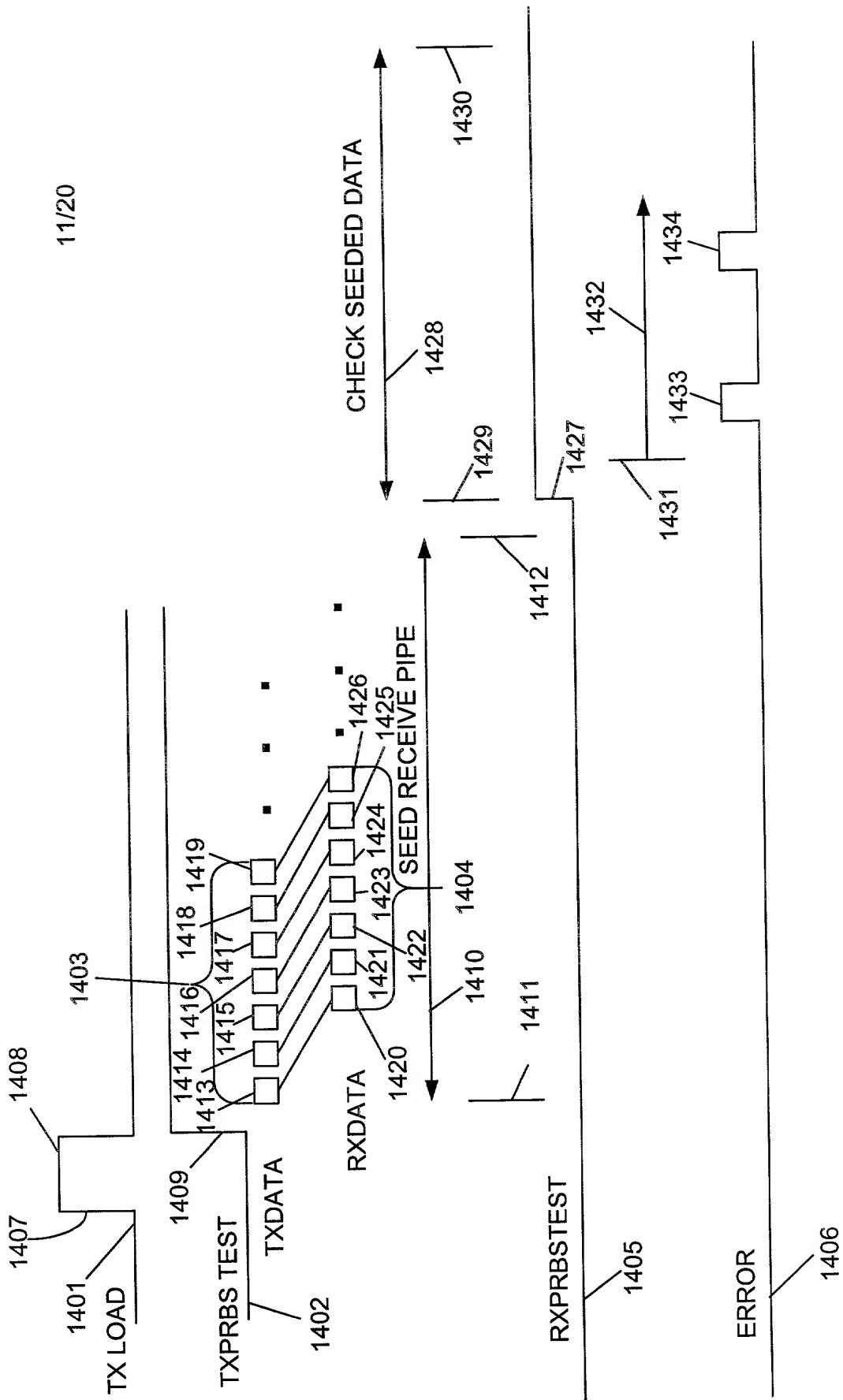
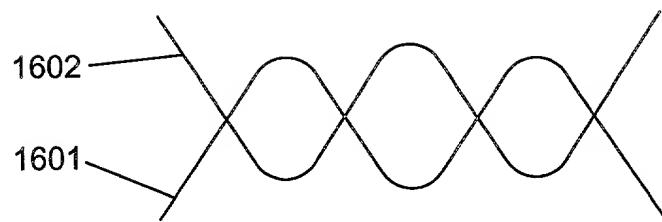


FIG. 14



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FIG. 16

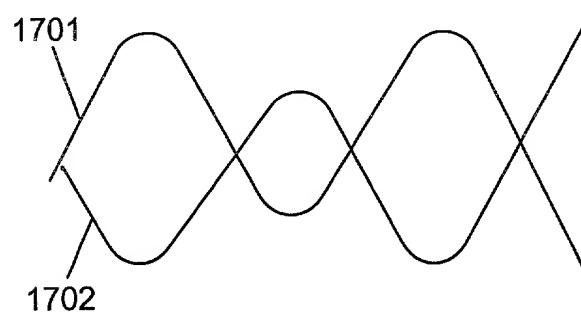


FIG. 17

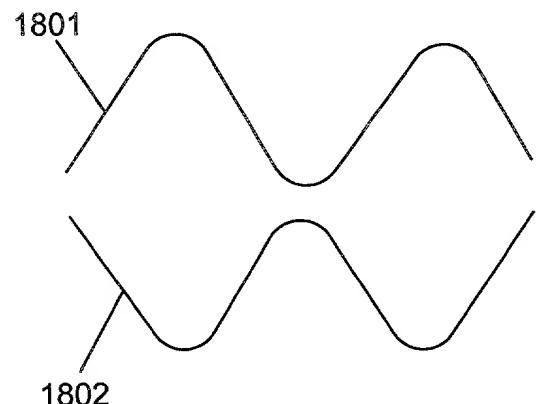


FIG. 18

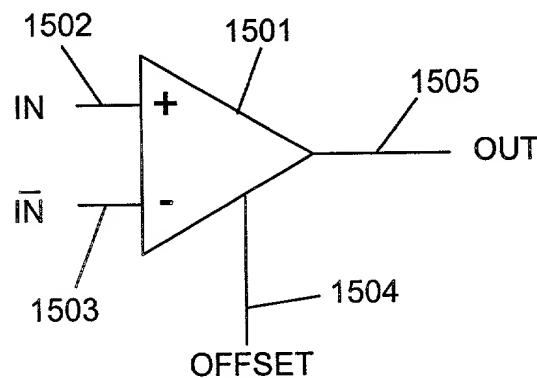
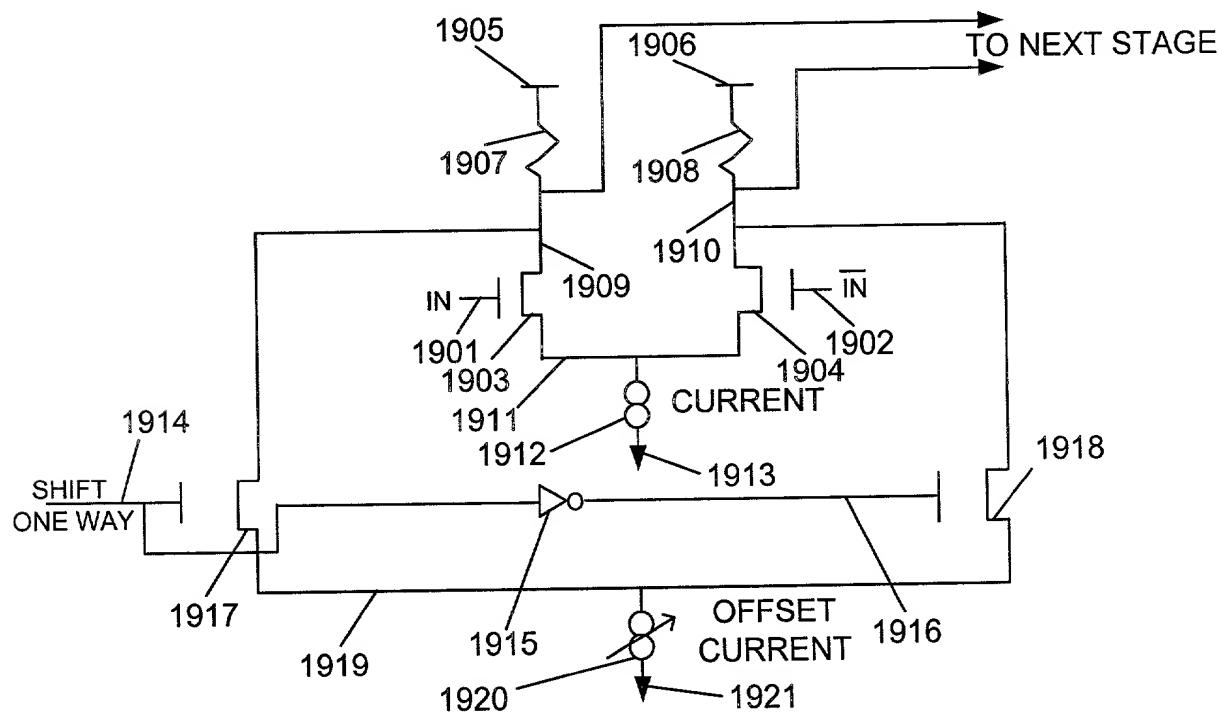
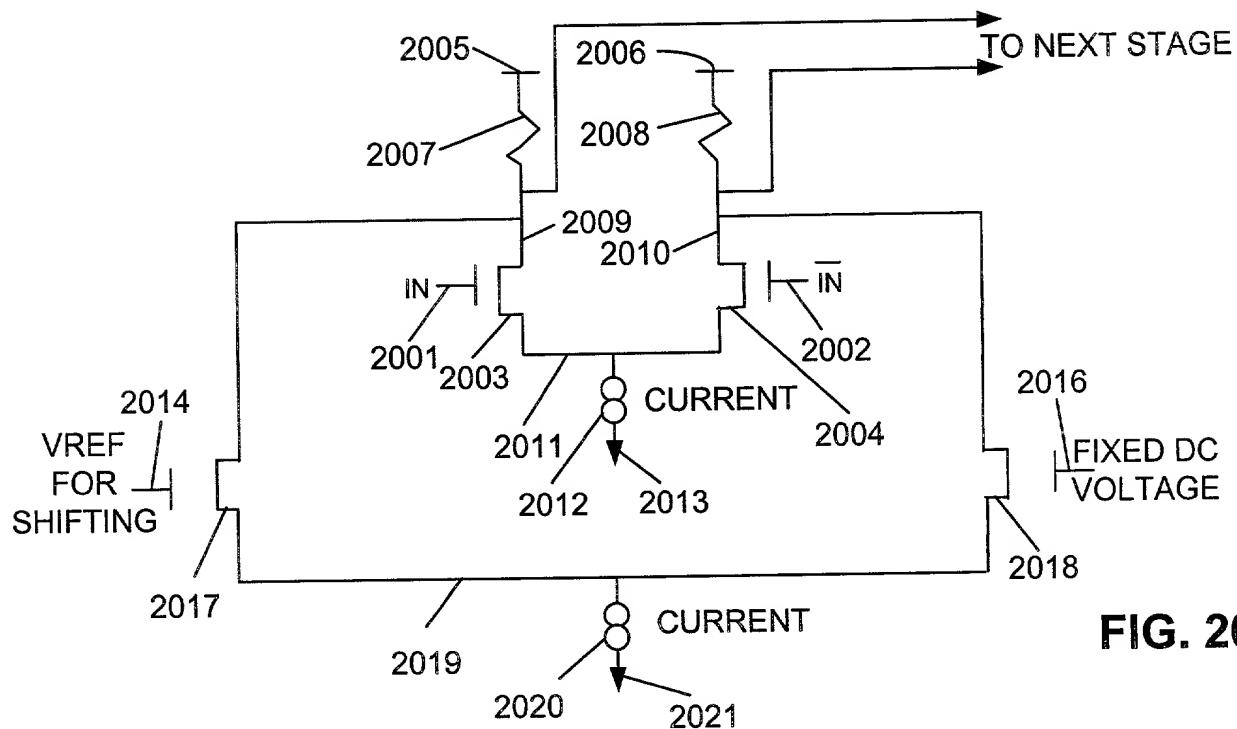
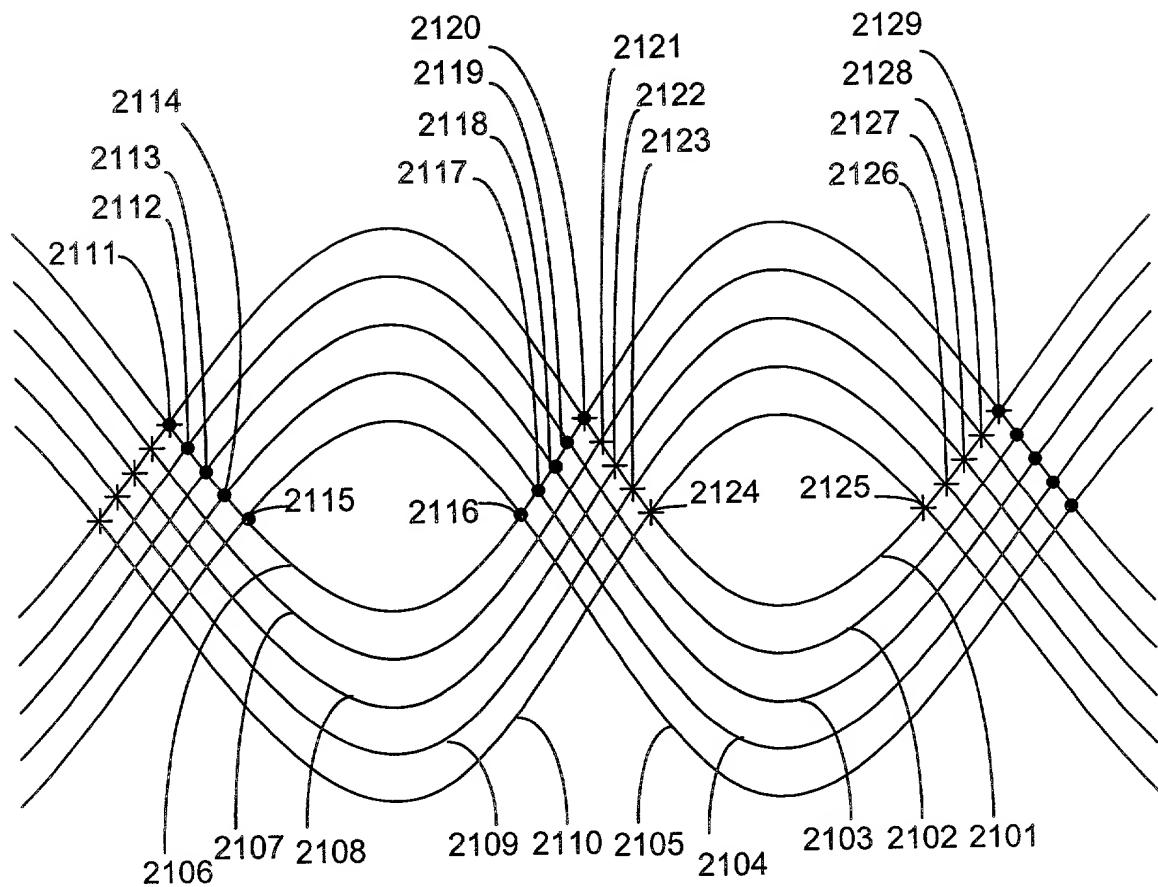
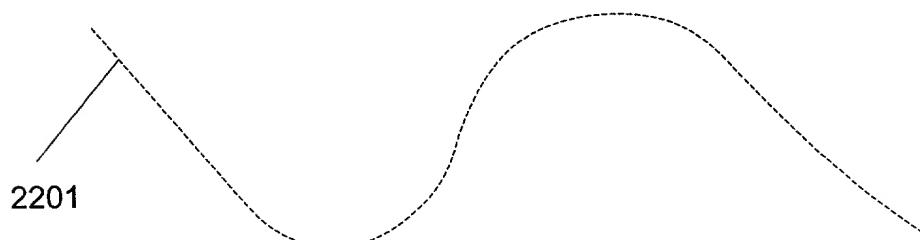


FIG. 15



**FIG. 21****FIG. 22**

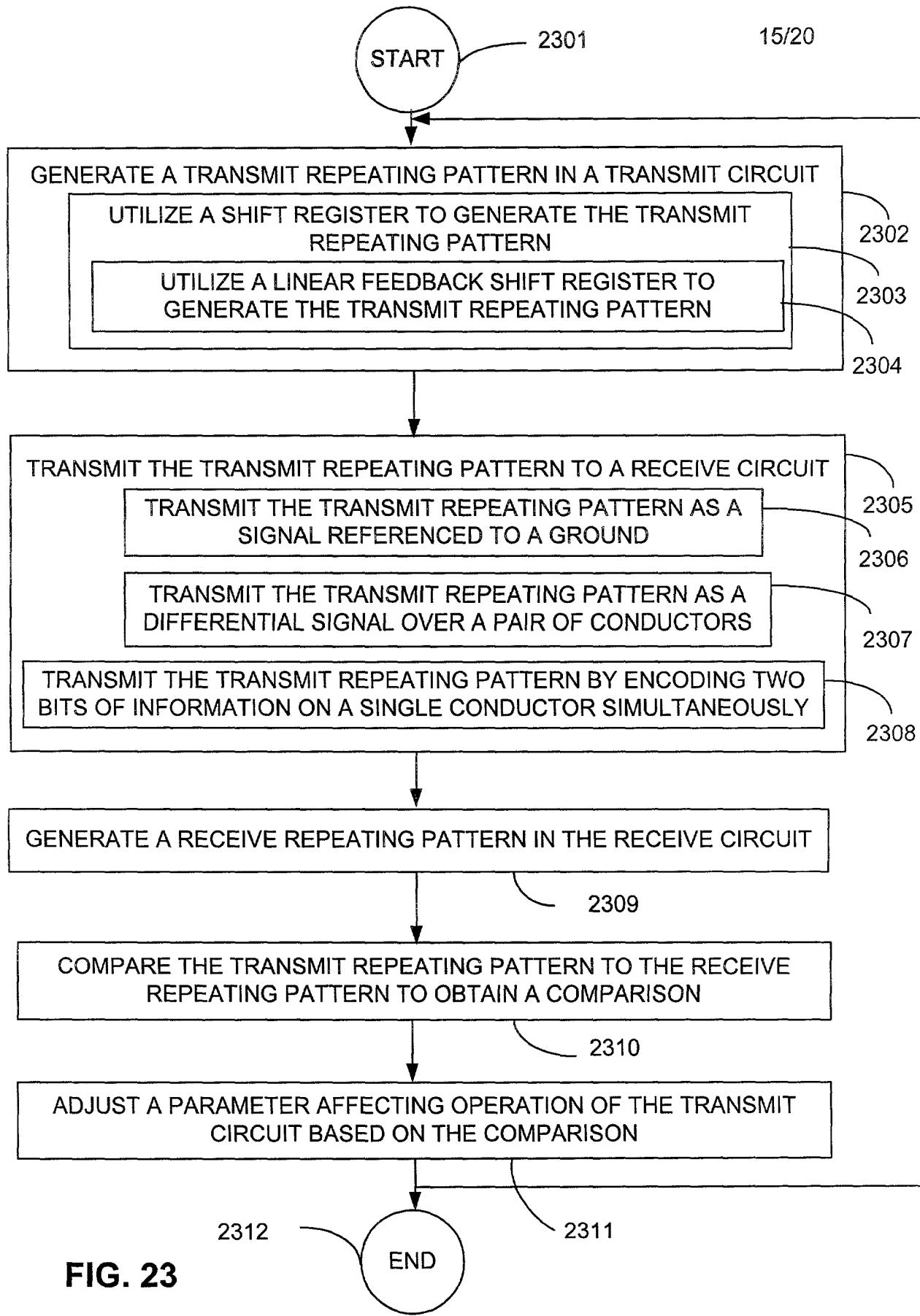


FIG. 23

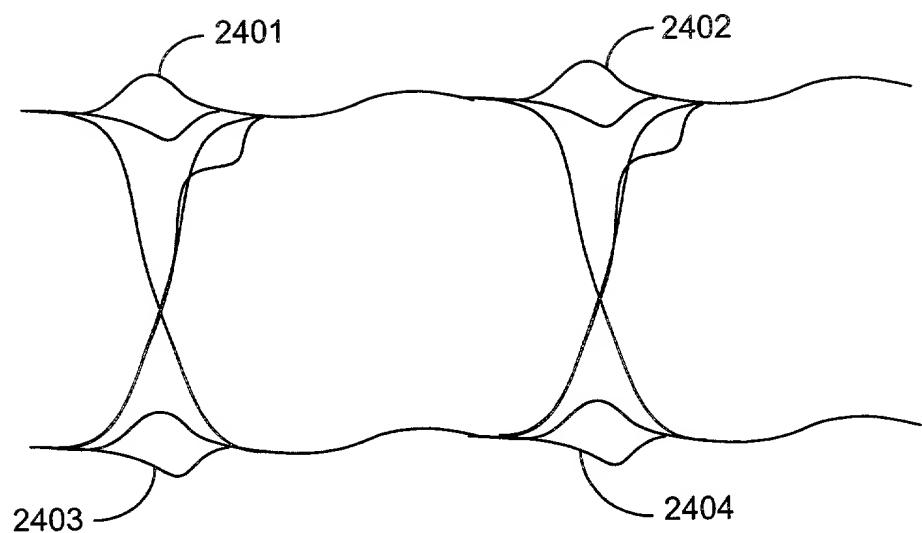


FIG. 24

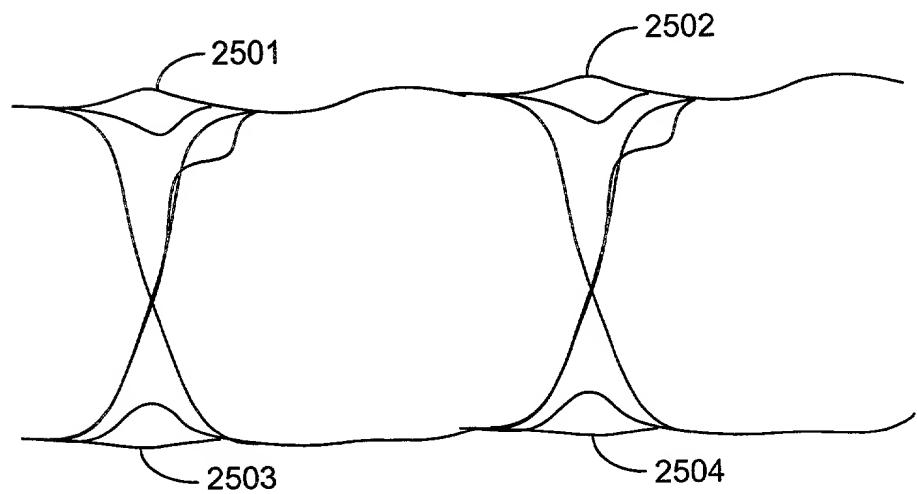


FIG. 25

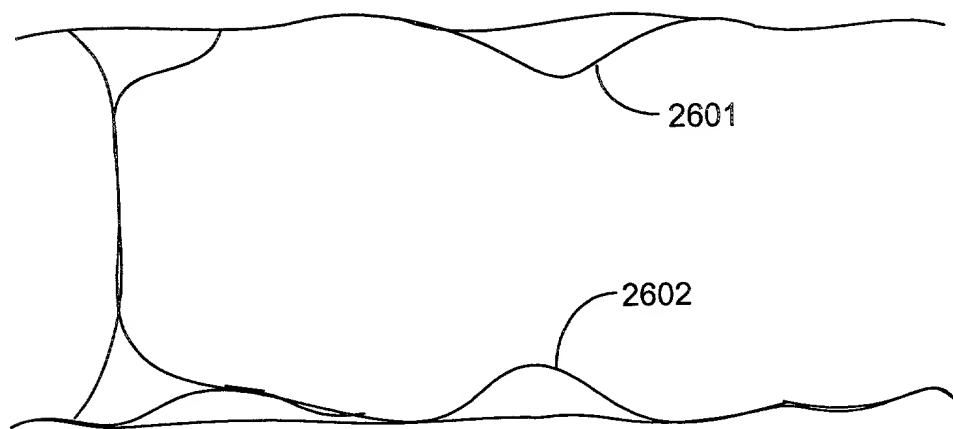


FIG. 26

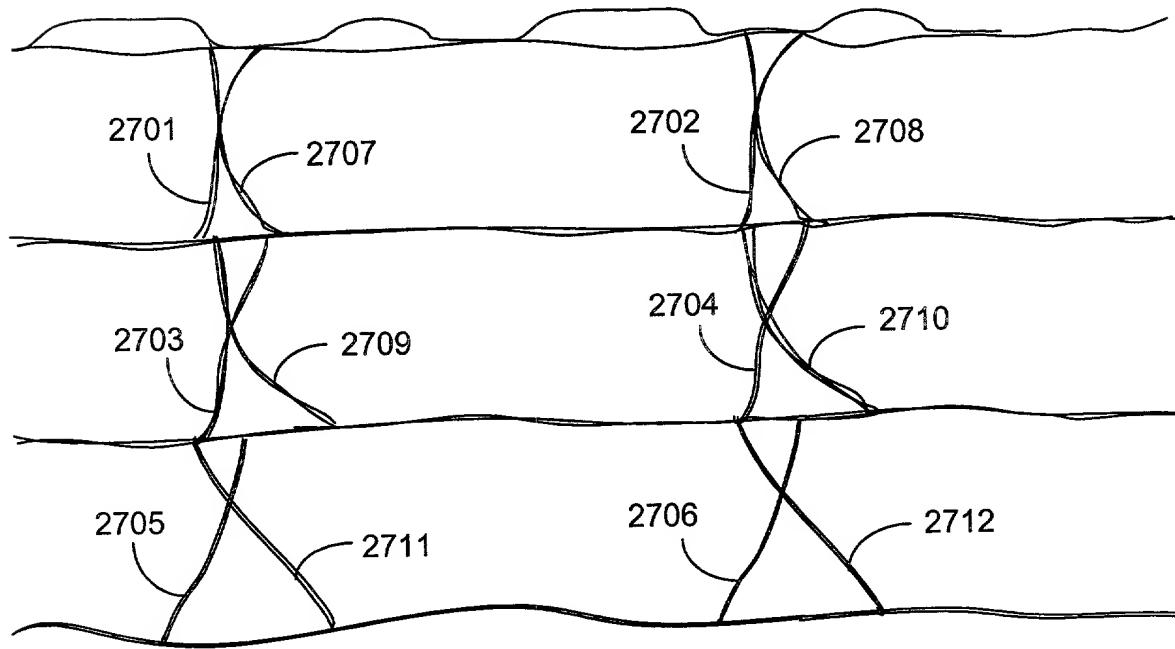


FIG. 27

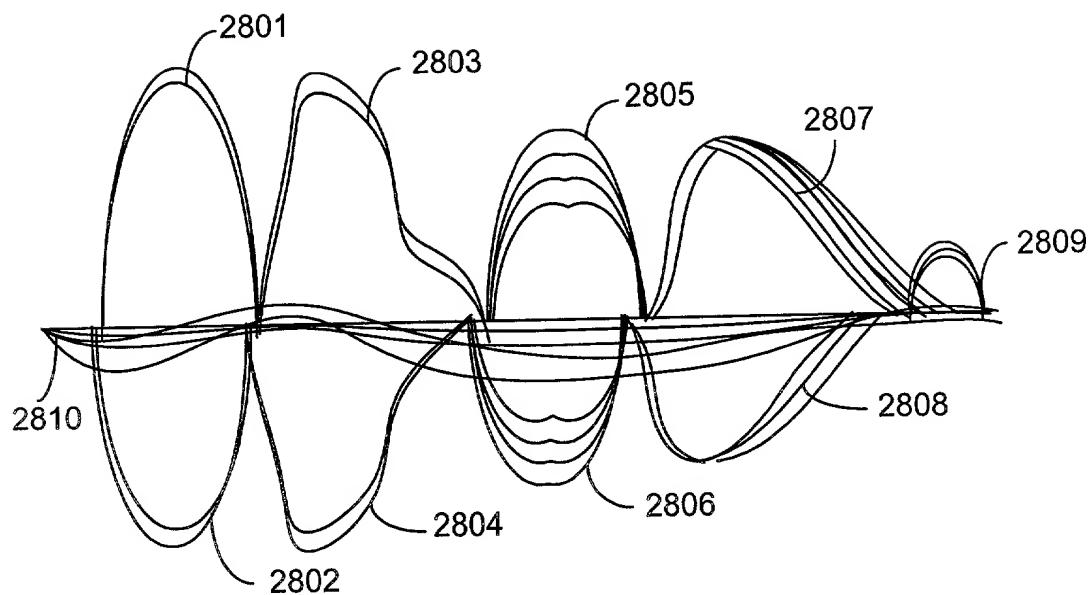


FIG. 28

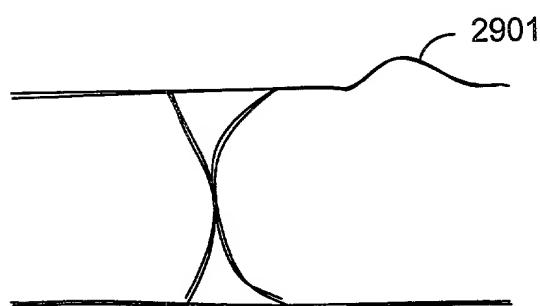


FIG. 29

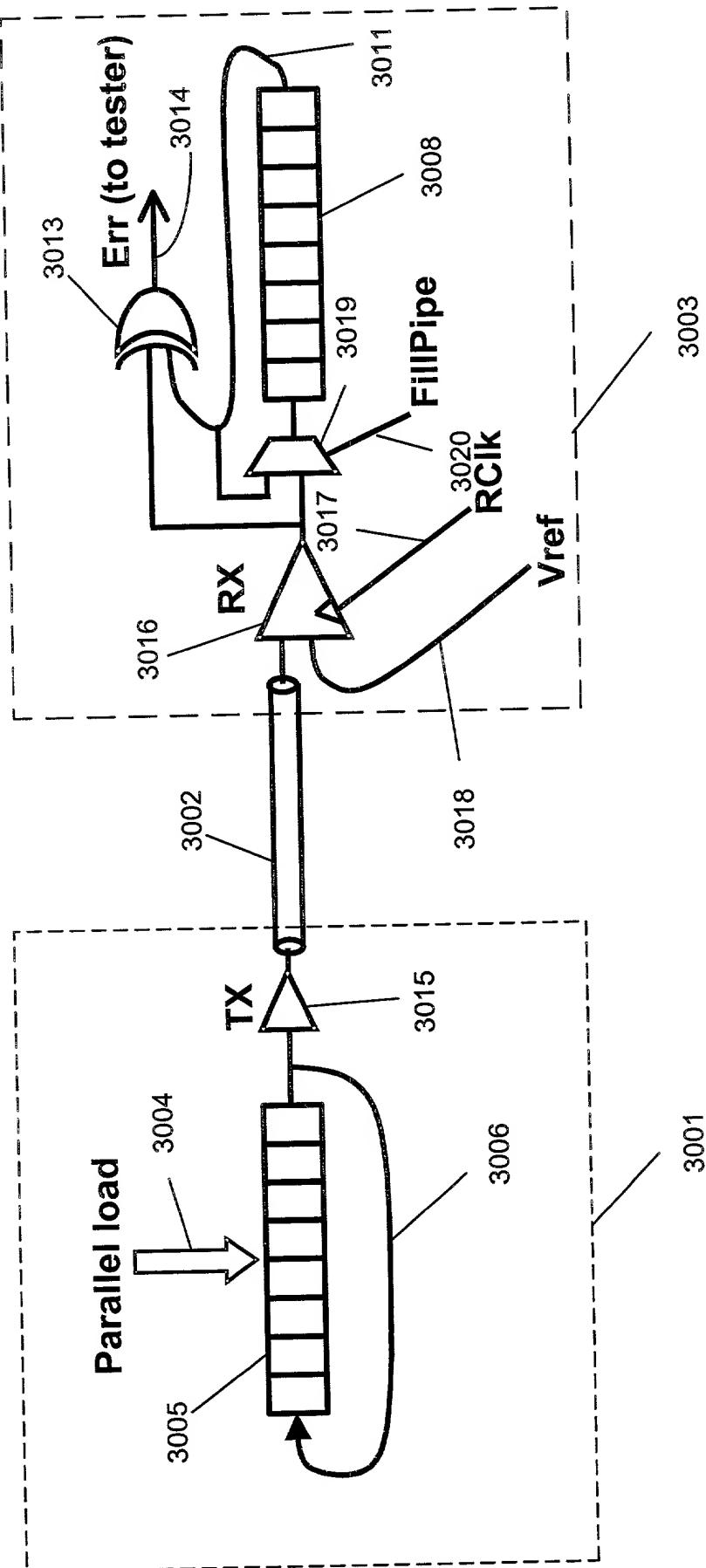


FIG. 30

FIG. 31

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